

What is claimed is:

1. An optical disk comprising:

a disk substrate having a recording layer formed on one surface of a substrate and a cover sheet applied over the recording layer; and

a display sheet which has substantially the same physical characteristic as that of the cover sheet and is affixed to a surface of the disk substrate opposite to a surface thereof covered with the cover sheet.

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2. The optical disk according to claim 1, wherein the display sheet and the cover sheet substantially coincide with each other in terms of the direction of heat contraction and a heat contraction rate.

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3. The optical disk according to claim 1, wherein the thickness of the display sheet falls within a range of 0.05 to 0.3 mm.

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4. An optical disk comprising:

a disk substrate having a recording layer formed on one surface of a substrate and a cover sheet applied over the recording layer; and

a display sheet which has substantially the same physical characteristic as that of the cover sheet and an adhesive surface

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affixed to peeling paper and is an accessory separate from the disk substrate.

5 5. The optical disk according to claim 1, wherein a mark indicating the direction of heat contraction of the cover sheet is provided on the cover sheet, and a mark indicating the direction of heat contraction of the display sheet is provided on the display sheet.

10 6. The optical disk according to claim 4, wherein a mark indicating the direction of heat contraction of the cover sheet is provided on the cover sheet, and a mark indicating the direction of heat contraction of the display sheet is provided on the display sheet.

15 7. The optical disk according to claim 1, wherein a mark indicating the direction of heat contraction of the cover sheet is provided on the substrate, and a mark indicating the direction of heat contraction of the display sheet is provided on the display sheet.

20 8. The optical disk according to claim 4, wherein a mark indicating the direction of heat contraction of the cover sheet is provided on the substrate, and a mark indicating the direction of heat contraction of the display sheet is provided on the display sheet.

display sheet.

9. The optical disk according to claim 5, wherein the mark corresponds to any one of a notch, a hole, and a slit section.

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10. The optical disk according to claim 6, wherein the mark corresponds to any one of a notch, a hole, and a slit section.

11. The optical disk according to claim 7, wherein the
10 mark corresponds to any one of a notch, a hole, and a slit section.

12. The optical disk according to claim 8, wherein the mark corresponds to any one of a notch, a hole, and a slit section.

15 13. The optical disk according to claim 1, wherein the display sheet is effectively formed from a two-layer structure; that is, upper and lower layers; the lower layer is a base layer including a fluorescent substance, and the upper layer is a image print layer provided on the base layer so as to cover
20 the same.

14. The optical disk according to claim 13, wherein the base layer is formed on the substrate in an isotropically uniform manner; the image print layer is formed from a plurality of
25 blocks; and a space between the blocks is taken as a non-print

section.

15. The optical disk according to claim 13, wherein one
print image is formed from a plurality of blocks on the image
5 print layer, and a space between the blocks is taken as a non-print
section having transparency to light.

16. The optical disk according to claim 13, wherein
different print images are formed into thumbnails in each block
10 on the image print layer, and a space between said blocks is
taken as a non-print section.

17. The optical disk according to claim 14, wherein the
non-print section is formed from a grid pattern, a radial pattern,
15 a concentric pattern, or a combination thereof.

18. A thin plastic sheet to be affixed on a disk substrate,
comprising:

a printable area and an unprintable area are provided
20 on the front or back side of the sheet.

19. A method for affixing a display sheet to a disk
substrate, the method including:

affixing a display sheet on a opposite surface of the
25 disk substrate, which has a recording layer formed on a surface

of a substrate and a cover sheet applied over the recording layer, the opposite surface being opposite to the surface of the disk substrate covered with the cover sheet,

5 wherein a mark, which is provided on at least either the cover sheet or the substrate and indicates a direction of heat contraction of the cover sheet, is caused to coincide with a mark, which is provided on the display sheet and indicates a direction of heat contraction of the display sheet, thus affixing the display sheet on the opposite surface of the disk substrate.

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